

What is claimed is:

1. In a radio communication system where multiple radio access using spectrum spread is made between a mobile station and a base station and a plurality of cells with different frequency bands exist at the same location, a radio control device for controlling a plurality of base stations forming the plurality of cells, comprising:

code selection trial means for each cell, provided in association with each of the plurality of cells, for trying to select a spread code for the associated cell under a predetermined condition;

determination means for determining whether to try to select a spread code again under a different condition from the condition that has been used in the selection trial, when the selection trial of the spread code by each code selection trial means under the predetermined condition has been terminated without any successful selection of the spread code; and

control means for controlling the code selection trial means and the determination means so as to cause the code selection trial means to try to select the spread code sequentially for the plurality of cells under the predetermined condition, cause the determination means to determine whether to try to select the spread code again under the different

condition from the condition that has been used in the selection, after the termination of the selection trial by each code selection trial means, and cause the code selection trial means to try to select the spread code sequentially for the plurality of cells under the different condition when it has been determined that the selection should be tried again.

2. The radio control device according to claim 1, wherein:

each cell of the radio communication system is associated with a plurality of spread code trees generated by OVSF (Orthogonal Variable Spreading Factor), and

the different condition is associated with a selection trial from a spread code tree different from the spread code tree that has already been used in the selection trial.

3. A method of selecting a spread code in a radio communication system where multiple radio access using spectrum spread is made between a mobile station and a base station and a plurality of cells with different frequency bands exist at the same location, comprising:

trying to select a spread code sequentially for the plurality of cells under a predetermined condition; determining whether to try to select a spread code

again under a different condition from the condition that has been used in the selection, when the selection trial for each cell has been terminated without any successful selection of the spread code; and

- 5           trying to select the spread code sequentially for the plurality of cells under the different condition when it has been determined that the selection should be tried again.